



CREATED BY ROBYN ECKELS, ALTOONA AREA SCHOOL DISTRICT

Progression of Sounds:

- * Voiced continuants (most vowel sounds)—/v/, /z/, /m/, /n/, /th/, /zh/, /ng/
- * Unvoiced continuants—/s/, /f/, /t/, /sh/
- * Voiced Stops—/b/, /g/, /d/, /j/
- * Unvoiced Stops—/p/, /t/, /k/, /ch/
- * Glides and Liquids (in the initial position)— /y/, /wh/, /w/; /r/, /l/
- * Glotis—/h/

| REGULAR WORDS | | | |
|----------------------------|------------------------|--|--|
| Phoneme | # of Phonemes Per Word | Initial Position | Final Position |
| /v/ (Voiced Continuant) | 2 | | of |
| | 3 | Van, vase, vine, vote, Veal, vain, voice, verse | Move, save, five, gave, Give, dive, dove, jive, pave, Cove, wave, wove, rave, Live, love, have, hive, Shave, weave, leave, Carve, serve |
| | 4 | Vest, vats, vans, vines, Veins, vault, | Alive, arrive, brave, drive, Drove, grave, glove, prove, Sleeve, stove |
| /z/ (Voiced Continuant) | 2 | Zoo | Is, as, Oz |
| | 3 | Zip, zag, zap, zone, zoom | Fizz, fuzz, buzz, whiz, daze, size |
| | 4 | Zero, zinc, zipper, zest, zonk, | Breeze, freeze, froze, Quiz, prize, sneeze, Snooze |

| Phoneme | # of Phonemes Per Word | Initial Position | Final Position |
|--------------------------------------|---------------------------|---|---|
| | | | |
| /m/ (Voiced Continuant) | 2 | Me, my, may, more | am |
| | 3 | Met, mad, map, mat, Mop, mug, mud, much, Made, mice, mile, Move, mute, mean, Meat, meal, mail, Mail, moon, mouth | Kim, him, Sam, jam, ram, Gem, mom, bum, gum, Yum, hum, seam, beam, Team, zoom, boom, room, Loom, farm, firm, worm |
| | 4 | Mist, mix, milk, mend, Mask, many, musk, Must, mind, mild, Most, marble | Gram, slam, drum, plum, Dream, steam, broom, Gloom |
| | | | |
| /n/ (Voiced Continuant) | 2 | No, new, now | In, an, on, urn |
| | 3 | Nip, nick, net, neck, Nag, nab, nap, nod, Not, nut, name, nine, Nice, nose, note, need, Nail, night, noon, Noise, nurse, north | Fin, bin, pin, win, den, pen, Ten, hen, van, fan, ban, Can, sun, fun, run, when, Bean, jean, rain, chain, Lawn, join, coin, gown, down |
| | 4 | Nest, nags, names, Notes | Twin, spin, skin, grin, Plan, green, clean, brain, Drain, train, lion, spoon, Brown, clown, flown |

| Phoneme | # of Phonemes Per Word | Initial Position | Final Position |
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| | | Medial Position | Final Position |
| /zh/ (Voiced Continuant | 3 | Asia, rouge | Rouge |
| | 4 | Measure, seizure | Garage |
| | | Initial Position | Final Position |
| /s/-spelled "s" (Unvoiced Continuant) | 2 | Saw, sea, see, say, so, Sew, sue, sore | us |
| | 3 | Sip, sing, set, sell, said, Sag, sap, sat, sun, sum, Sub, safe, same, size, Side, seed, sang, sail, Sight, soap, soak, soup | Yes, gas, bus |
| | 4 | Sink, six, silk, since, Send, sent, self, sand, Sax, sound, serve | Cats, bats, mats, Plus, space, brace, Grace, trace |
| | | | |
| /s/-spelled "ss" (Unvoiced Continuant) | 3 | | Kiss, miss, mess, less, Pass, mass, moss, boss, Toss |
| | 4 | | Grass, cross, gloss, floss Gross |
| | | | |
| | | Initial/Middle Position | Final Position |
| /s/ spelled "c" | 2 | | Ace, ice |
| | 3 | Cell | Voice, mice, face, force, Pace, peace, lace, race, rice |
| | 4 | Cent, city, cigar, cellar, Circle, mercy, | Mince, fence, since, slice, Space, bounce, brace, Bruce, dance, grace, place, Pounce, trace, truce, Twice |

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| | | | |
| /f/ (Unvoiced Continuant) | 2 | Fur, far, for, foe | If |
| | 3 | Fib, fig, fit, fish, fed, Fell, fan, fad, fall, fun, Fuzz, fame, fade, fake, Fate, five, fine, file, Fire, fuse, feed, feel, | Beef, chef, chief, deaf, Goof, hoof, knife, Leaf, life, loaf, reef, Roof, wife |
| | 4 | Fist, fence, fast, fond, Fox, fund, feather, Feast, faint, first | Shelf, brief, grief, spool, Proof, scarf |
| Phoneme | # of Phonemes Per Word | Initial Position | Final Position |
| | | | |
| /f/-spelled "ff" (Unvoiced Continuant) | 2 | | off |
| | 3 | | Buff, puff, cuff, huff |
| | 4 | | Stuff, fluff |

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| | | | |
| /b/ (Voiced Stop) | 2 | Be, bay, by, bow, boy, Bar | Abe |
| | 3 | Bib, big, bit, bed, beg, Bet, bell, bad, bag, bat, Bath, back, ball, boss, Bun, bum, buzz, bus, Bug, but, base, bake, Bite, bike, bead, beat, Beach, beef, bait, bail, Both, boom, book, boil, Bird, barn, born | Fib, rib, dab, cab, tab, lab, Sob, job, cob, bob, knob, Cub, tub, rub |
| | 4 | Bend, bent, bench, best, Band, bond, bottle, Bump, bunt, bunk, Bunch, butter, bind, Beast, beeps, baits, Boast, boost, bound | Crib, crab, grab, club |
| Phoneme | # of Phonemes | Initial Position | Final Position |

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| | Per Word | | |
| | | | |
| /g/ (Voiced Stop) | 2 | Go, guy | |
| | 3 | Get, gas, gap, got, gum, Gut, gush, give, gone, Gave, game, gate, Geese, gain, goat, goes, Goof, goose, good, goal, girl | Big, dig, sag, bag, bog, dog, Bug, dug |
| | 4 | Gift, gets, gasp, games, Goals, guitar, girls | Twig, snag, drag, frog, Smug, snug, drug, shrug |

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|------------------------------------|----------|--|---|
| /d/ (Voiced Stop) | 2 | Day, dye, doe, do, dew, door | Odd, Ed, add |
| | 3 | Dim, dig, did, dip, dish, Dill, den, deck, Dan, dad Dash, dog, dot, dock, Doll, dug, duck, dull, Date, dive, dime, dine, Doze, dome, dose, deal, Deep, deaf, done, dawn, Dune, down, dark | Did, kid, lid, rid, hid, fed, Wed, red, led, mad, sad, Fad, lad, pad, cod, pod, rod, Mud, need, feed, seed, Weed, lead, read, paid, Laid, raid, said, Load, road, good, wood, Hood, mood, food, word |
| | 4 | Disk, desk, damp, Dump, dunk, dusk, dust, Dollar, dirty | Hand, pond, slid, sled, glad, Spud, bread, freed, speed, Greed, plead, braid, cloud |
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| | | | (Ending spelled ge or dge) |
| /j/ (Voiced Stop) | 2 | Jay, Joe, jaw, joy, jar | edge |
| | 3 | Jig, jet, jam, jab, jog, Job, jug, jade, joke, June, jeep, jail, juice, Join, jerk | Ridge, ledge, wedge, Badge, dodge, lodge, Nudge, fudge, budge |
| | 4 | | Bridge, grudge, smudge |

| Phoneme | # of Phonemes Per Word | Initial Position | Final Position |
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| | | | |
| /k/--spelled "c" (Unvoiced stop) | 2 | Cow, car, care | |
| | 3 | Can, cab, cap, cat, cash Call, cob, cod, cot, cub, Cut, cave, cane, came, Case, cage, cape, cone, Cope, come, cube, cute, Coat, comb, cough, Could, coal, cool, coin, Coil, curve, curl, card, Corn, cord, court | |
| | 4 | Camp, cast, cost, cuts, Coast, count | |
| | | | |
| /k/--spelled "k" (Unvoiced Stop) | 2 | Key | Eek . oak |
| | 3 | Kid, kit, king, kiss, Kite, keen, keep | Bike, beak, peak, weak, Leak, seek, week, soak, Book, cook, took, look, Hook, shook, fork |
| | 4 | Kids, kites, keeps | Brake, flake, sleek, freak, tweak |
| | | | |
| /p/ (Unvoiced Stop) | 2 | Paw, pea, pay, pie, Pear, pour | up |
| | 3 | Pin, pig, pit, pill, pen, Peg, pet, pan, pad, pal, Pack, pass, pod, pop, Pot, puff, putt, put, Push, page, pale, pine, Pipe, poke, pole, peak, Peach, peel, pain, pail, Purse, pork, port | Zip, sip, dip, tip, lip, rip, Hip, chip, ship, zap, map, Nap, sap, cap, tap, lap, Mop, pop, top, hop, chop, Cup, pup, deep, jeep, keep, Peep, weep, sheep, heap, Leap, cheap, |
| | 4 | Pickle, pillow, penny, Pant, past, pond, Puzzle, punt, puddle, Paint, pint, point | Drip, trip, skip, flip, clip, Slip, step, lamp, snap, trap Flap, stop, flop, drop, crop, Sweep, sleep |
| Phoneme | # of Phonemes | Initial Position | Final Position |

| | Per Word | | |
|--------------------------------------|----------|--|--|
| /t/ (Unvoiced Stop) | 2 | Tear, tee, tea, tie, toe, Tow, toy, tar | It, at, eat, ate, eight |
| | 3 | Tin, tip, tick, ten, tell, Tan, tag, tab, tap, Tack, top, toss, tug, Tug, tuck, ton, tame, Tape, time, tide, tire, Tone, tote, tune, tube, Team, tease, teach, Teen, tail, toad, touch, Tough, tool, town, Turn, torn | Sit, fit, bit, pit, hit, met, Net, set, jet, bet, get, pet, Wet, yet, let, mat, sat, Fat, bat, cat, pat, rat, Hat, not, dot, got, cot, Pot, lot, rot, hot, nut, but, Cut, rut, hut, shut, vote, Meat, neat, seat, beat, Heat, cheat, meet, feet, Beet, wait, moat, boat, Goat, coat, put, foot, boot |
| /t/ (Unvoiced Stop) | 4 | Tent, tags, tugs, Teacher, teens, table, Tails, turns, turtle | Quit, spit, grit, flat, spot, Blot, carrot, sleet, greet, Sweet, pleat, great, paint, Point |
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| /r/ (Liquid) | 2 | Raw, ray, row | Four, bear, pear, chair, Jar, car, her |
| | 3 | Rim, rig, rib, rip, rich, Red, ram, rag, rap, rat, Rack, Rob, rod, rock, Rub, rug, rush, rave, Ra, ce, rate, rake, ride, Ripe, rose robe, rude, Read, real, rain, rail, Raise, right, road, Room, roof | Power, tower, shower, Stare, flare, clear |
| | 4 | Rent, rank, ranch, Range, rattle, rust, Roast, round | Zipper, letter, hammer, Ladder, flower, water |
| | | | |
| Phoneme | # of Phonemes Per Word | Initial Position | Final Position |

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|--------------------------------------|----------|---|---|
| /l/--spelled "l" (Liquid) | 2 | Lay, lie, low | All, eel, ale, owl |
| | 3 | Lip, lit, lick, leg, let, less, Lab, lad, lap, lack, lash, Log, lot, long, lug, luck, Lane, lace, lake, late, Live, line, life, like, love, Lone, lean, leaf, leak, Leap, laid, light, loan, Loaf, look, lose, loose | Feel, heel, wheel, veal, Meal, seal, veil, nail, mail, Sail, fail, bail, jail, pail, tail, Rail, hail, soil, foil, boil, Coil, |
| | 4 | Limp, link, lend, left, Lamp, land, last, Ladder, lump, lunch, Leaves, least, lion, Loaves | Stale, frail |

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|--------------------------------------|----------|---|---|
| /l/-spelled "ll" (Liquid) | 2 | | ill |
| | 3 | | Mill, fill, bill, dill, gill, pill, Will, hill, sell, fell, cell, bell, Tell, yell, well, doll, dull |
| | 4 | | Still, frill, grill, smell, Swell |
| | | | |
| /y/ (Glide) | 2 | You, your | |
| | 3 | Yes, yet, yam, yak, Yuck, yawn, yarn, Yard | |
| | 4 | Yank, yellow, yeast, Yield, yo-yo, young | |

| Phoneme | # of Phonemes Per Word | Initial Position | Final Position |
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| | | | |
| /w/-spelled "w" (Glide) | 2 | We, way, wear, war | |
| | 3 | Win, wig, wit, wick, With, wish, wing, will, Web, wet, well, wag, Wad, wash, wall, won, Wave, wage, wade, Wake, wise, wife, Wide, wipe, wire, Woke, weak, weave, Weed, week, weep, Weird, wait, wood, Would, warm, warn, Worm, word, work | |
| | 4 | Wind, wink, wilt, Went, west, weld, Wealth, wasp, wax, Waste, wild, worry, Worst, world, water | |

| Phoneme | # of Phonemes Per Word | Initial Position | Final Position |
|--------------------------|------------------------|---|----------------|
| | | | |
| /h/ (Glottis) | 2 | He, hay, hi, high, hoe, Hair, her, how | |
| | 3 | Him, his, hip, hit, hill, Hem, head, ham, has, Hat, hang, have, hog, Hop, hot, hum, hut, Hate, hive, home, hose, Hope, hole, heat, heal, Heel, hoof, hood, hook, House, hurt, horn | |
| | 4 | Help, hand, hammer, Hats, hotter, hunt, Haunt, harder | |

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| DIAGRAPHS | | | |
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| Phoneme | # of Phonemes Per Word | Initial Position | Final Position |
| | | | |
| /th/ (Voiced Continuant) | 2 | The, they, there | |
| | 3 | This, them, then, than, That, the, thus, these, Those | bathe |
| | 4 | | smooth |
| | | | |
| | | Medial Position | Final Position |
| /ng/ (Voiced Continuant) | 3 | Ink | Sing, wing, wing, ring, Sang, bang, gang, rang, Hang, song, long, rung, Hung |
| | 4 | Mink, sink, pink, link, Wink, rink, sank, Bank, tank, rank, Honk, sunk, junk | Slang, clang, slung |
| Phoneme | # of Phonemes Per Word | Initial Position | Final Position |
| | | | |
| /f/-spelled "ph" (Voiced Continuant) | 4 | Photo, phrase | Graph |
| | | | |
| /f/-spelled "gh" (Unvoiced Continuant) | 3 | | Laugh, cough, tough, rough |
| | 4 | | Enough |

| DIAGRAPHS | | | |
|---|-------------------------------|---|--|
| | | | |
| Phoneme | # of Phonemes Per Word | Initial Position | Final Position |
| | | | |
| /th/ (Unvoiced Continuant) | 2 | Thaw | Oath |
| | 3 | Thin, thick, thing, Thought, thumb, Theme, thief, three, Third, thorn, throw, Through | With, Beth, death, math, Bath, path, wrath, moth, Teeth, both, booth, tooth, Ruth, mouth, birth, south, North, fourth |
| | 4 | Think, thistle, thank, Thump, thread, thirty, thirst | Fifth, broth, cloth |
| | | | |
| /sh/ (Unvoiced Continuant) | 2 | She, shy, show, shoe, shore | ash |
| | 3 | Shin, ship, shed, shack, Shall, shop, shot, Shock, shuck, shove, Shame, shape, shade, Shake, shine, sheep, Sheet, shawl, should, Shout, shower, shirt, Sharp, shark, short | Fish, dish, wish, mesh, Mash, dash, gash, cash, Lash, rash, wash, mush, Gush, rush, bush, push, leash |
| | 4 | Ships, shadow, shallow, Shuts, shapes, shouts, shorts | Fresh, flash, smash, crash, Clash, trash, crush, blush, brush |

| Phoneme | # of Phonemes Per Word | Initial Position | Final Position |
|--|------------------------|---|--|
| | | | |
| /ch/-spelled "ch" (Unvoiced Stop) | 2 | Chew, chow, chair | Each |
| | 3 | Chin, chip, chick, check, Chess, chap, chat, chop, Chum, chug, chase, Chime, chose, cheap, Cheat, cheep, cheese, Chain, choose, chirp, Churn, church, cherry, Charm, chart | Rich, inch, much, such, Touch, beach, teach, Peach, reach, couch, perch |
| | 4 | Chilly, chest, checker, Change, chunk, Chuckle, child | Pinch, bench, ranch, Munch, bunch, punch, Lunch, hunch |
| | | | |
| /ch/-spelled "tch" | 2 | | Etch, itch |
| | 3 | | Ditch, pitch, witch, hitch, Fetch, match, batch, Catch, patch, latch, Watch, notch, hutch |
| | 4 | | Stitch, switch, sketch, Snatch, clutch, crutch |
| | | | |
| | | Middle Position | Final Position |
| /k/--spelled "ck" (Unvoiced Stop) | 3 | | Sick, tick, kick, lick, wick, Chick, neck, deck, sack, Back, jack, pack, lack, Tack, rack, shack, sock, Dock, tock, rock, lock, Shock, muck, suck, buck, Duck, tuck, luck |
| | 4 | Locker | Stick, brick, trick, slick, Click, quick, snack, stack, Slack, black, crack, track, Quack, stock, block, clock, Stuck, truck |

| DIAGRAPHS | | | |
|-------------------------------------|------------------------|---|----------------|
| Phoneme | # of Phonemes Per Word | Initial Position | Final Position |
| /k/-spelled "ck" (Unvoiced Stop) | 5 | Chicken, checkers, Jacket, racket, Package, socket, Pocket, rocket, locket | |
| /w/-spelled "wh" (Glide) | 2 | Whey, why, whew, Whir, where | |
| | 3 | Whiz, whim, whip, Which, whiff, when, Wham, whack, what, Whale, whine, white, While, wheat, wheel, Whirl | |
| | 4 | Whisk, whopper Whiny, whoops | |

| VOWELS | | | |
|-----------------|------------------------|--|---|
| Phoneme | # of Phonemes Per Word | Initial Position | Middle Position |
| /a/ as in apple | 2 | As, am, at, add | |
| | 3 | Apple, And, ant | van, vat, man, mad, mat, map, nag, nap, fan, fad, fat, sad, sap, sat, ban, bad bad, bat, dab, dad, gas, gap, jam, pan, Pam, pad, pat, pal, tan, tab, tag, tap, can, cab, cap, cat, yam, lad, lag, lap, ram, ran, rag, rat, has, hat, math, bath, path, mass, than, that, chat, dash, jazz |
| | 4 | Adam, Andy, ants, Anchor, after, apples | Mask, mast, band, black, Blast, brass, damp, drag, Gasp, glass, grass, glad, Grab, graph |
| VOWELS | | | |

| Phoneme | # of Phonemes Per Word | Initial Position | Middle Position |
|--|---------------------------|---|--|
| | | | |
| /e/ as in echo | 2 | Ed | |
| | 3 | Echo, end, Eddy, elm, Elf, edge, | vet, met, men, net, fed, set, bed, beg, bet, den, get, jet, pen, Peg, pet, ten, yes, yet, web, wet, leg, led, let, red, hem, hen, mesh, neck, them, then, shed, deck, peck, check, wreck, mess, fell, cell, sell, shell, bell, tell, yell, well, less |
| | 4 | Enter, elbow | Vest, mend, nest, send, Sent, cent, best, bend, Belt, bench, desk, pest, Tent, test, went, west, Wept, lend, left, rest, help, Fled, fresh, sled, smell, Spell, stem, step, shelf, Bled, bless, dress, press, Chest |
| | | | |
| /e/ as in echo (Spelled "ea") | 3 | | Dead, read, lead, head |
| | 4 | | Meant, feather, thread, Bread, dread, weather, Leather, ready, heavy, Heaven, health |

| VOWELS | | | |
|--------------------------|-------------------------------|------------------------------|---|
| Phoneme | # of Phonemes Per Word | Initial Position | Middle Position |
| /i/ as in itch | 2 | Is, in, inn, it, itch | |
| | 3 | lggy, its | Zip, nip, fin, fib, fig, fit, Sip, sit, bib, bid, big, bit, Dim, did, dig, dip, pin, pig, Pit, tip, kin, win, wig, Wit, lid, lip, lit, rim, rib, Rig, rip, his, hit, this, fish, Thin, pick, tick, kick, chin, Chick, wick, whip, which, Lick, miss, mitt, mill, Fill, sill, bill, dill, gill, pill, Chill, will |
| | 4 | Igloo, itchy | Mix, milk, fist, fix, sink, Six, disk, gift, pink, wink, Link, lift, list, flip, flick, Skin, skip, skit, slim, slid, Slip, shift, think, brick, Drip, trim, trip, trick, Twig, crib, clip, click |
| /o/ as in octopus | 2 | On | |
| | 3 | ox | Mom, mop, nod, not, fog, Sob, sod, bop, dot, gob, Got, job, jog, pod, pot, pop, Top, cob, cod, cot, log, lot, Rob, rod, rot, hog, hop, Hot, sock, shot, shop, Shock, dock, tock, lock, Rock, doll |
| | 4 | | Fox, box, frog, flop, flock, Spot, stop, slop, slot, blob, Blot, block, drop, pond, Prop, trot, crop, clock |

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| VOWELS | | | |
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| Phoneme | # of Phonemes Per Word | Initial Position | Middle Position |
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| /u/ as in up | 2 | Us, up | |
| | 3 | Utter, udder, | Mug, mud, nut, fun, sum, Sun, sub, bun, bum, bus, Bug, bud, but, dug, gum, Jug, pup, tug, tub, cub, cut, Cup, lug, run, rub, rug, rut, Hum, hug, hut, muck, Much, mush, such, shun, Buck, duck, tuck, luck, Rush, hush, mutt, fuss, Fuzz, buzz, buff, dull, Puff, putt, cuff, ruff |
| | 4 | Under, ugly, uncle | Musk, must, funk, bump, Dunk, dump, dusk, dust, Gust, jump, just, pump, Punt, tusk, lump, runt, Rust, hunt, husk, fluff, Snub, snug, stub, stuck, Shrub, drug, plum, plug, Pluck, truck, chunk |
| | | | |
| /a/ as in tape (Spelled VCE) | 3 | | Maze, made, make, Male, name, face, Fade, fake, save, same, Sale, bake, date, gave, Gate, Jake, page, take, Tape, tale, cave, came, Case, cage, wave, wade, Wake, lake, late, race, Rake, shade, shake, Shape, chase |
| | 4 | | Skate, space, stage, flake, Flame, brave, brace, brake Blade, grace, grade, grape, Place, plate, trace, trade |
| VOWELS | | | |

| Phoneme | # of Phonemes Per Word | Initial Position | Middle Position |
|----------------------------------|---------------------------|--|--|
| /a/ as in tape (Spelled "ai") | 3 | | Vain, main, maid, mail, Fail, faith, sail, bait, Bail, gain, jail, pain, Paid, pail, tail, rain, Raise, raid, rail, laid, hail, Chain |
| | 4 | | Faint, saint, Spain, stain, Brain, braid, Braille, drain, Grain, paint, plain, praise, Train, trail, claim, waist |
| | | Middle Position | Final Position |
| /a/ as in tape (Spelled "ay") | 2 | | May, nay, say, bay, day, Gay, jay, pay, way, lay, Ray, hay |
| | 3 | | Fray, stay, sway, gray, Pray, play, clay, tray |
| | 4 | | Maybe, spray, stray, Today |
| /e/ as in meet (Spelled "ee") | 2 | | See, fee, bee, tee, knee |
| | 3 | Meet, need, feed, feet, Feel, seem, seen, seed, Seek, seep, beef, beep, Beet, deed, deep, jeep, Peek, peep, peel, keep, Reef, heed, heel, sheep, Sheet, wheel, cheek, Cheep, cheese | Flee, free, tree, three |
| | 4 | Meets, feeds, feels, Speed, steep, steel, Sweet sweep, sleep, Sleet, green, greed, Greet, creep, queen | |

| VOWELS | | | |
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| Phoneme | # of Phonemes Per Word | Middle Position | Final Position |
| | | | |
| /e/ as in meet (Spelled "ea") | 2 | eat | Sea, pea, tea, |
| | 3 | Zeal, veal, mean, meat, Meal, neat, seat, seal, Beam, bean, bead, beak Deal, peak, peach, Team, teach, lean, leaf, Lead, leap, leash, heap, Heat, heal, cheap, Cheat | flea |
| | 4 | Feast, bleak, bleach, Dream, gleam, jeans, Plead, pleat, treat, Clean, cream, least, Yeast, treat, | |
| | | | |
| /e/ as in meet (Spelled "y") | 4 | | Mommy, many, muddy, Moody, navy, funny, Fuzzy, forty, sunny, Silly, story, baby, bunny, Daddy, daisy, dirty, dizzy, Duty, jelly, pony, penny, Puppy, party, tiny, thirty, Carry, city, chilly, lady, Lobby, lucky, happy |
| | 5 | | Fifty, sandy, sticky, Beauty, dusty, gravy, Plenty, pretty, tricky, Thirsty, candy, county, Windy, lately |

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| VOWELS | | | |
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| Phoneme | # of Phonemes Per Word | Middle Position | Final Position |
| | | | |
| /e/ as in meet (Spelled "ie") | 3 | Niece, thief | |
| | 4 | Field, brief, berries, Grief, pierce, yield, Charlie, shield, shriek | |
| | 5 | Babies, belief, pennies, Cookies, relief | |
| | | | |
| /i/ as in five (Spelled VCE) | 3 | Mine, mile, mice, nine, Nice, five, fine, fire, Size, side, bike, bite, Dive, dime, dine, pine, Pike, pipe, time, tide, Tire, kite, wise, wife, Wide, live, lime, line, Like, rise, rice, ride, Ripe, hive, hike, hide, Shine, chive, chime, Whine, white | |
| | 4 | Spike, spice, slice, bride, Drive, grime, price | |
| | | | |
| /i/ as in five (Spelled "y") | 2 | | My, by, shy, why |
| | 3 | | Spy, sky, sly, fly, fry, Dry, pry, try, cry, |
| | | | |
| /i/ as in five (Spelled "l") | 4 | Mind, mild, find, bind, Kind, rind, wild, wind, child | |
| | 5 | Blind, grind, climb | |

| VOWELS | | | |
|---|-------------------------------|---|--|
| Phoneme | # of Phonemes Per Word | Middle Position | Final Position |
| /i/ as in five (Spelled "ie") | 2 | | Die, pie, tie, lie |
| | 4 | | Spies, skies, flies, fries, Dries, tries, cries |
| /i/ as in five (Spelled "igh") | 2 | | Sigh, high, thigh |
| | 3 | Might, night, fight, Sight, tight, light, Right, knight | |
| | 4 | Fright, flight, slight, bright | |
| | | | |
| /o/ as in rope (Spelled VCE) | 2 | | No, so, go |
| | 3 | Zone, vote, nose, note, Joke, pose, poke, tone, Cove, cone, code, cope, Woke, yoke, lone, Rose, robe, rode, rope, Hose, home, hope, Those, chose, choke, Wrote | |
| | 4 | Froze, smoke, spoke, Stove, stone, slope, Broke, globe, throne, | |

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| VOWELS | | | |
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| Phoneme | # of Phonemes Per Word | Initial Position | Middle Position |
| | | | |
| /o/ as in rope (Spelled "oa") | 2 | Oak, | |
| | 3 | Oats | Moan, moat, foam, soak, Soap, boat, goat, goal, Joan, toad, coat, loan, l Loaf, load, roam, road, Roach |
| | 4 | | Float, groan, toast, coast, Cloak, croak, roast |
| | | | |
| | | Middle Position | Final Position |
| /o/ as in rope (Spelled "ow") | 2 | | Mow, bow, tow, low, Row, show, know |
| | 3 | Shown, throw | Flow, snow, stow, slow, Grow, glow, crow, |
| | 4 | Flown, grown, thrown, | Mellow, pillow, yellow, Willow, shadow |
| | | | |
| /o/ as in rope (Spelled "oe") | 2 | | Foe, doe, Joe, toe, woe, Hoe |
| | 3 | Goes | |
| | | | |
| | | Initial/Middle Position | Final Position |
| /yoo/ as in use (Spelled "u") | 3 | Utah | |
| | 4 | Unit, usual, bugle, | menu |
| | 5 | Music, pupil | |
| | | | |
| /yoo/ as in use (Spelled VCE) | 3 | Use, muse, mute, mule, Fume,, fuse, cube, cute, Puke, huge | |

| VOWELS | | | |
|---|-------------------------------|---|--|
| Phoneme | # of Phonemes Per Word | Initial Position | Final Position |
| | | | |
| /yoo/ as in use (Spelled "ew" and "iew") | 2 | | few, pew, view |
| | 4 | | review |
| | 5 | | preview |
| | | | |
| /yoo/ as in use (Spelled "ue") | 2 | | Cue, hue |
| | 3 | | fuel |
| | | | |
| /ə/ as in alarm (schwa) | 3 | Ago, anew, annoy, | |
| | 4 | Among, afoot, aside, About, above, again, Apart, appear, | |
| | 5 | Another, afraid, afloat, Asleep, account, Applause | |
| | | | |
| /a/ as in air (Spelled "air") | 1 | | air |
| | 2 | | Fair, pair, hair, chair |
| | 3 | | Stair, flair |
| | | | |
| /a/ as in air (Spelled "are") | 2 | | Mare, fare, dare, care, Rare, hare, share |
| | 3 | | Scare, spare, stare, flare, Blare, glare, |
| | 4 | | Square, beware |

| VOWELS | | | |
|--|-----------------------------------|-------------------------|---|
| Phoneme | # of Phonemes Per Word | Initial Position | Middle Position |
| /a/ as in air (Spelled "ear") | 2 | | Bear, pear, wear |
| | 3 | | swear |
| /u/ as in dirt (Spelled "ur") | 2 | | Fur, purr |
| | 3 | | Nurse, surf, spur, burn, Blur, turn, curb, curl, Curse, curve, hurt, hurl, |
| | 4 | | Burst, turkey, turtle, Purple, |
| /u/ as in dirt (Spelled "ir") | 2 | | Fir, sir, |
| | 3 | | Firm, stir, bird, birth, dirt, Girl, shirt, third, chirp |
| | 4 | | First, flirt, skirt, swirl, Dirty, twirl, thirst |
| | 5 | | Squirm, squirt, birthday |
| /u/ as in dirt (Spelled "er") | 2 | | Her, |
| | 3 | | Verb, verge, verse, Merge, nerve, serve, Fern, jerk, perk, perch, Term, herd |
| | 4 | | Mother, stern, swerve, Better, letter, water, River |
| | 5 | | Sister, person, winter |

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| VOWELS | | | |
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| Phoneme | # of Phonemes Per Word | Initial Position | Middle/Ending Position |
| | | | |
| /a/ as in far (Spelled "ar") | 2 | Arm, art, arc | Far, bar, jar, tar, car |
| | 3 | | Mart, mark, Mars, Marsh, march, farm, Scar, star, barn, barf, bark, dark, dart, park, Part, tart, card, cart, lard, Large, yarn, yard, harm, Hard, harp, shark, sharp, Charm, charge, chart |
| | 4 | | Smart, scarf, start, Starch, party, |
| | | | |
| | | Initial Position | Middle Position |
| /o/ as in talk (Spelled "au") | 3 | Auto, author | Sauce, Paul, pause, cause, Haul |
| | 4 | | Vault, fault, clause, launch, Haunt |
| | | | |
| /o/ as in talk (Spelled "aw") | 2 | | Saw, jaw, caw, raw, law, Thaw |
| | 3 | | Fawn, flaw, slaw, bawl, Dawn, draw, pawn, claw, Yawn, lawn, hawk |
| | 4 | | Brawl, drawn, crawl |
| | | | |
| | | Initial/Middle Position | Ending Position |
| /oi/ as in toy (Spelled "oi" and "oy") | 2 | Oil | Soy, boy, joy, coy, toy, Roy |
| | 3 | Voice, noise, soil, boil, Join, toil, coin, coil, Choice, | Ploy |
| | 4 | Moist, spoil, broil, joint, Point, hoist | Enjoy, decoy, cowboy |
| VOWELS | | | |

| Phoneme | # of Phonemes Per Word | Initial Position | Middle Position |
|--|-----------------------------------|---|--|
| /ou/ as in mouse (Spelled "ou") | 2 | Out, ouch, | |
| | 3 | | Mouth, mouse, noun, foul, Sour, south, doubt, pout, Pouch, couch, loud, house, Shout |
| | 4 | | Mound, found, flour, Sound, spout, bound, Bounce, grouch, pound, Proud, trout, count, cloud, Crouch, round, hound |
| | | | |
| | | Initial/Middle Position | Final Position |
| /ou/ as in mouse (Spelled "ow") | 2 | owl | Vow, now, sow, bow, cow, Wow, how, chow |
| | 3 | Fowl, down, gown, Power, town, towel, Tower, | Brow, plow, |
| | 4 | Frown, brown, drown, growl, powder, Prowl, crown, crowd, Clown | |
| | | | |
| | | Initial/Middle Position | Final Position |
| /oo/ as in roof (Spelled "oo") | 2 | Ooze, | Zoo, moo, boo, too, coo, Shoo |
| | 3 | Zoom, moon, mood, Moose, noon, food, Soon, boom, boot, Doom, goose, toot, Tooth, coop, loop, loot, Loose, room, roof, root | |

| VOWELS | | | |
|-----------------------------------|-------------------------------|---|---|
| Phoneme | # of Phonemes Per Word | Initial/Middle Position | Final Position |
| /oo/ as in roof (Spelled "oo") | 4 | Scoop, scoot, snoop, Smooth, school, bloom, Broom, groom, proof, Troop | |
| /oo/ as in roof (Spelled "ew") | 2 | | New, few, dew, pew, Chew, knew |
| | 3 | | News, flew, stew, blew, Brew, drew, grew, crew, Threw |
| | 4 | | Screw |
| | | | |
| | | | Final Position |
| /oo/ as in roof (Spelled "ue") | 2 | | Sue, due, |
| | 3 | | Blue, glue, clue, true |
| | | Middle Position | |
| /oo/ as in look | 3 | Nook, foot, soot, Shook, book, took, Cook, woof, wood, Look, rook, hoof, hood, Hook | |
| | 4 | Stood, brook, crook, Cookie, | |
| | 5 | Wooden | |

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| BLENDS | | | |
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| Phoneme | # of Phonemes Per Word | Initial Position | Final Position |
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| "S" Blends | | | |
| | | | |
| /sn/ as in snack | 3 | Snow | |
| | 4 | Snag, snap, snip, snob, Snug, snack, snake, Snail, snare, snarl, Sneeze, sniff, snoop, Snore, snout | |
| | 5 | Snuggle | |
| | | | |
| /sm/ as in small | 4 | Smack, small, smart, Smash, smear, smell, Smile, smock, smog, Smoke, smooth, Smudge | |
| | | | |
| /sk/ as in scout | 4 | Scab, scan, scat, scale, Scarf, scoop, scoot, Scope, scorch, scour, Scuff | |
| | 5 | Scuba, scamp, scooter, | |
| | | | |
| /sk/ as in skate | 3 | Ski, sky | Ask |
| | 4 | Skid, skin, skip, skit, Skill, skull, skirt, skate Sketch | Mask, desk, disk, dusk, Task, risk |
| | 5 | Skunk | |

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| BLENDS | | | |
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| Phoneme | # of Phonemes Per Word | Initial Position | Final Position |
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| "S" Blends | | | |
| | | | |
| /sp/ as in spot | 3 | Spy, spur | |
| | 4 | Span, spat, spin, spot, Spell, spill, space, Spike, spine, speak, Spear, speech, speed, Spoil, spoon, spout | Gasp, wasp |
| | 5 | Spend, spent, sponge | Crisp |
| | | | |
| /st/ as in story | 3 | Sty, star, stay, stir, Stew | |
| | 4 | Stem, stop, step, stack, Staff, stall, stiff, still, Sting, stick, stock, Stage, stake, stale, State, stone, store, Stove, stain, steak, Steal, steam, steel, Steep, stool, stoop, Story, start | Mast, mist, most, must, Nest, fast, fist, best, bust, Boast, dust, gust, ghost, Jest, just, cast, cost, coast, Past, pest, post, test, Toast, west, list, last, lost, Least, rest, rust, roast |
| | 5 | Stable, stamp, stink, Stirrup, stand, steady, | Blast, quest, trust, twist, |
| | | | |
| /sw/ as in swan | 3 | Sway | |
| | 4 | Swan, swam, swap, Swat, swim, swing, Swish, swell, swine, Sweat, sweep, sweet, Swoop, swatch | |
| | 5 | Swept, swallow, Swamp, sweater | |

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| BLENDS | | | |
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| Phoneme | # of Phonemes Per Word | Initial Position | Final Position |
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| "S" Blends | | | |
| | | | |
| /scr/ as in scam | 5 | Scram, scrap, scrub, Scrape, scream, screen, Screech, scroll | |
| | 6 | Scraper, scribble, script | |
| | | | |
| /spr/ as in spray | 5 | Sprig, spring, spruce, Sprout | |
| | 6 | Sprint | |
| | | | |
| /spl/ as in splash | 5 | Split, splash | |
| | 6 | Splint | |
| | 7 | Splinter | |
| | | | |
| | | Initial Position | Final Position |
| "R" Blends | | | |
| | | | |
| /fr/ as in frog | 4 | Frog, from, frame, Frail, freak, freeze, Fresh, frill, frizz, fruit, Fright, | |
| | 5 | Frank, Friday, friend, Frying, | |
| | 6 | Frozen | |
| | | | |
| /dr/ as in drop | 3 | Dry, draw, drew | |
| | 4 | Drab, drag, drip, drop, Drug, drum, drake, Drape, drive, drove, Drain, dread, dream, Dress, drill, droop | |
| | 5 | Drift, drink, draft, Drank | |
| BLENDS | | | |
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| Phoneme | # of Phonemes Per Word | Initial Position | Final Position |
|------------------------|---------------------------|--|----------------|
| | | | |
| "R" Blends | | | |
| | | | |
| /br/ as in brat | 4 | Brad, bran, brat, brim, Broth, brush, brass, Brace, brake, brave, Broke, brain, bread, Break, breath, breeze, Broad, broil, brook, Broom, brown, browse, Bruise | |
| | 5 | Brand, branch, Brother | |
| | | | |
| /gr/ as in grin | 4 | Grab, gram, grid, grim, Grin, grip, grit, grub, Graph, grass, grill, Gruff, grace, grade, Grape, grate, grave, Grime, great, greed, Green, groan, groom, Grouch, group, growl, Grown | |
| | 5 | Graft, grand, grant, Grasp, gravy, grind, Grump, ground | |

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| BLENDS | | | |
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| Phoneme | # of Phonemes Per Word | Initial Position | Final Position |
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| "R" Blends | | | |
| | | | |
| /cr/ as in crab | 3 | Cry, crow | |
| | 4 | Crab, crib, crop, crack, Crash, crane, creep, Croak, crook, crowd, Crown | |
| | 5 | Craft, crust, crunch, Cradle | |
| | | | |
| /pr/ as in prize | 4 | Prod, prop, press, price, Pride, prize, probe, Prove, praise, proof, Proud | |
| | 5 | Print, prance, prepare, Priest | |
| | 6 | Prison, produce, Promise, pronoun | |
| | | | |
| /tr/ as in tree | 3 | Try, tree, tray, Troy, True, | |
| | 4 | Trap, trim, trip, trot, Track, trash, truth, Truck, troll, trace, Trade, tribe, trail, Train, tread, treat, Troop, trout | |
| | 5 | Tramp, tromp, trouble, Truly, trunk, trust | |

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| BLENDS | | | |
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| Phoneme | # of Phonemes Per Word | Initial Position | Final Position |
| | | | |
| "L" Blends | | | |
| | | | |
| /sl/ as in sled | 3 | Sly, slow | |
| | 4 | Slab, slam, slap, sled, Slid, slim, slip, slit, slot, Slug, slush, slack, slick, Sling, slate, slice, slide, Slime, slope, sleek, Sleep, sleet, sleeve | |
| | 5 | Slant, slept, slump, Sleepy, slight, slipper, Slowly | |
| | | | |
| /fl/ as in fly | 3 | Fly, flu, flow, flaw, Flea | |
| | 4 | Flag, flap, flat, flip, Flop, flash, fleck, flesh, Flick, fling, flock, Flush, floss, fluff, flake, Flame, flare, fluke, Flute, fleet, float, flood, Floor, flour, flower, Fluid | |
| | | | |
| /bl/ as in blue | 3 | Blue, blow, blew | |
| | 4 | Blab, blip, blob, blot, Black, blush, block, Bless, bluff, blade, Blame, blaze, bleed, Bleep, blood, bloom, Blouse, bleach | |
| | 5 | Blank, blast, blend, Blind, blink, blonde, blunt | |

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| BLENDS | | | |
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| Phoneme | # of Phonemes Per Word | Initial Position | Final Position |
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| "L" Blends | | | |
| | | | |
| /gl/ as in glow | 3 | Glow, glee, glue | |
| | 4 | Glad, glob, glass, gloss, Glide, globe, glove, Gleam, gloat, gloom, Glitch | |
| | 5 | Glance | |
| | | | |
| /cl/ as in clown | 3 | Clay, claw, clue | |
| | 4 | Clad, clam, clan, clap, Clip, clod, clog, club, Clack, clang, clash, Click, cling, clock, cloth, Clutch, clove, close, Claim, clean, clear, Clea, cloak, cloud, Clown | |
| | 5 | Clamp, clasp, clink, Clomp, clothes, clump | |
| | | | |
| /pl/ as in play | 3 | Play, plow, ploy | |
| | 4 | Plan, plod, plug, plum, Place, plane, plate, Plaid, plain, player, Please, pleat | |
| | 5 | Plank, plant, plink, Plump | |

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| BLENDS | | | |
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| Phoneme | # of Phonemes Per Word | Initial Position | Final Position |
| | | | |
| Other Blends | | | |
| | | | |
| /tw/ as in twin | 4 | Twig, twin, twice, Twine, tweed, tweet, twirl | |
| | 5 | Twist | |
| | 6 | Tweezers, twinkle, Twenty | |
| | | | |
| | | Final Position | |
| /ct/ as in fact | 3 | act | |
| | 4 | Fact, duct, pact | |
| | | | |
| /ft/ as in left | 4 | Soft, sift, gift, lift, Loft, raft, rift, shaft, shift | |
| | 5 | Swift, draft, drift, Graft, thrift | |
| | | | |
| /ld/ as in cold | 4 | Mild, field, bald, build, Weld, wild, held | |
| | 5 | Scald | |
| | | | |
| /lp/ as in help | 4 | Gulp, yelp, help | |
| | 5 | scalp | |
| | | | |
| /lt/ as in felt | 4 | Melt, felt, salt, belt, Pelt, kilt, welt, halt, Built, dealt, fault, guilt, Knelt | |
| | 5 | Quilt | |

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| BLENDS | | | |
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| Phoneme | # of Phonemes Per Word | Initial Position | Final Position |
| | | | |
| Other Blends | | | |
| | | | |
| /mp/ as in lamp | 4 | Bump, damp, dump, Jump, camp, pump, Limp, lump, lamp, Ramp, romp, chimp, Chomp | |
| | 5 | Skimp, slump, stamp, Stomp, stump, swamp, Blimp, grump, clamp, Clump, cramp, plump, Tramp, trump, tromp, Shrimp | |
| | | | |
| /nd/ as in hand | 4 | Mind, mound, found, Sand, send, sound, Band, bend, bind, bond, Kind, pound, tend, Round, wand, wind, Wound, hand, hind | |
| | 5 | Friend, spend, stand, Bland, blend, blind, Brand, grand, grind, Ground, trend | |
| | | | |
| /nk/ as in wink | 4 | Sank, sink sunk, bank, bunk, dunk, junk, pink, Tank, wink, link, rank, Rink, honk, hunk, | |
| | 5 | Skunk, stink, stunk, Frank, blank, blink, Drank, drink, plank, Plunk, trunk | |

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| BLENDS | | | |
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| Phoneme | # of Phonemes Per Word | Initial Position | Final Position |
| | | | |
| Other Blends | | | |
| | | | |
| /nt/ as in ant | 3 | Ant | |
| | 4 | Mint, meant, sent, Faint, bent, bunt, dent, Pint, paint, tent, tint, Want, went, lint, lent, Rent, hunt, hint | |
| | 5 | Spent, scent, front, Grant, plant, print | |
| | | | |
| /pt/ as in kept | 3 | Apt | |
| | 4 | Kept, wept | |
| | 5 | Slept, crept | |
| | | | |
| /rd/ as in word | 3 | Bird, board, guard, Cord, word, yard, lard, Herd, hard | |
| | 4 | Sword | |
| | | | |
| /rk/ as in bark | 2 | Ark | |
| | 3 | Mark, bark, dark, Jerk, park, perk, work, Lark, hark | |
| | 4 | Stork, clerk, | |